



## Pall High Flow Rental Skids

### Description

For more than 70 years Pall Corporation has been solving complex contamination problems across the refining, petrochemical and oil and gas industries. **By applying our advanced filtration and separation technologies** directly to the problem, we're able to help operators reduce maintenance costs and minimize unscheduled shutdowns. Our High Flow Filtration platforms are proven to **efficiently filter contaminants from a wide variety of process and product streams**, which can cause a multitude of costly operational and fluid quality problems.

### Features

- Fully valved and piped on skid (clean and dirty side vents and drains)
- PSV connection and pressure safety valve
- Local differential pressure gauge
- Full bore flange with lifting davit
- Integrated, valved fluid sampling panel for influent and effluent samples
- Filter vessel complies with ASME Code, Section VIII, Div. 1
- 7HFH skid: Maximum hydraulic flow capacity: 795 m<sup>3</sup>/hr (3,500 USGPM) (120,000 bbl/day)
- Single-point lifting with sling; lifting points at four corners of skid
- Fork lift slots for portability



7 Element High Flow filter rental skid

### Design Specifications

- Mobile skid dimensions (L x W x H): 3.25 m x 2.0 m x 2.24 m. Can be shipped via standard flatbed truck.
- Skid Weight Dry: 7HFH skid: 2500 kg
- Vessel mechanical design: ASME Code, Section VIII, Div. 1 with 33 barg -40°C/+110°C & FV
- Piping design: ASME B31.3
- Filter vessel: Pall High Flow filter vessel accepts seven, 15.24 cm (6") diameter x 152.4 cm (60") long elements
- Inlet/outlet: 7HFH skid: 25.4 cm (10"), #300 RFWN flange
- ASME VIII code calculations, MDR, general arrangement, P&ID and lifting drawings available



### Materials of Construction

- Skid base: carbon steel (hot dip galvanized)
- Filter vessels and piping: 316L stainless steel
- Housing closure gaskets: 316L stainless steel inner ring and CS outer ring/Grafoil<sup>1</sup>

### Typical Applications

- Flushing skid for plant start-up
- Amine solvents inventory cleanup
- Condensate, naphtha, LPG, gasoline, diesel, kerosene, and jet fuel final products
- Sour water
- Make-up water
- Produced water
- Glycol
- Aromatic extraction solvents
- Heating medium (hot oil)
- Many other contaminated products that can be found in a variety of storage tanks in a plant or fuel terminal
- Feedstocks to protect catalytic reactor beds
- Water injection /EOR
- Lube oil base stock
- RO membrane pre-filtration

<sup>1</sup> Grafoil is a registered trademark of Graftech International



7 Element High Flow filter rental skid



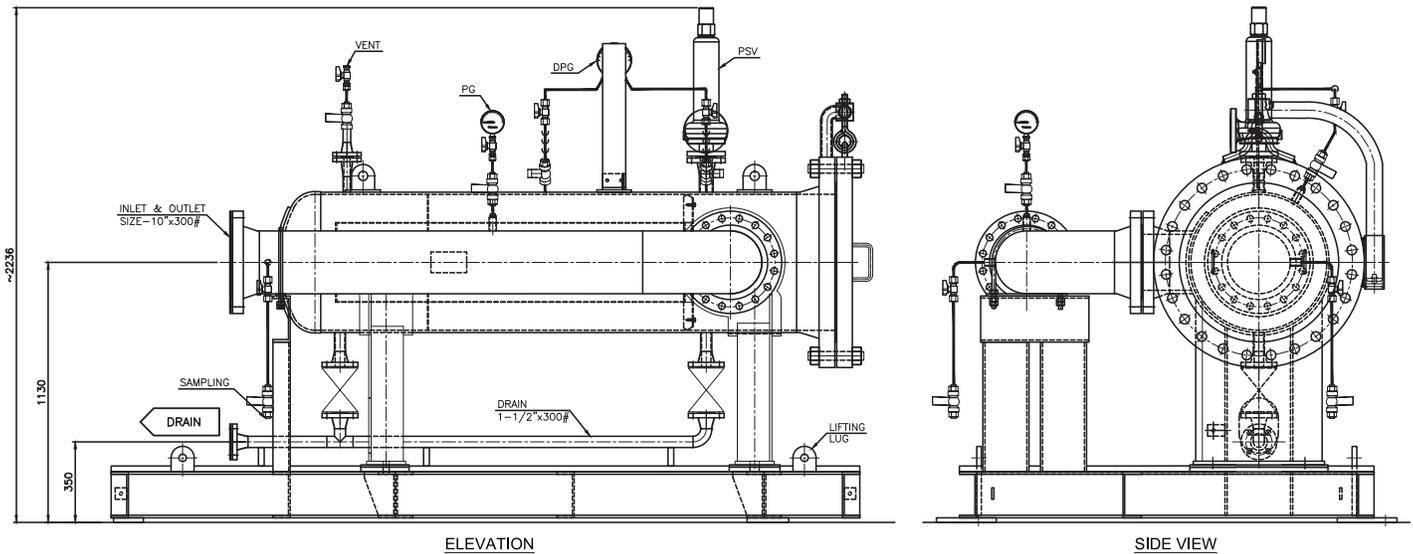
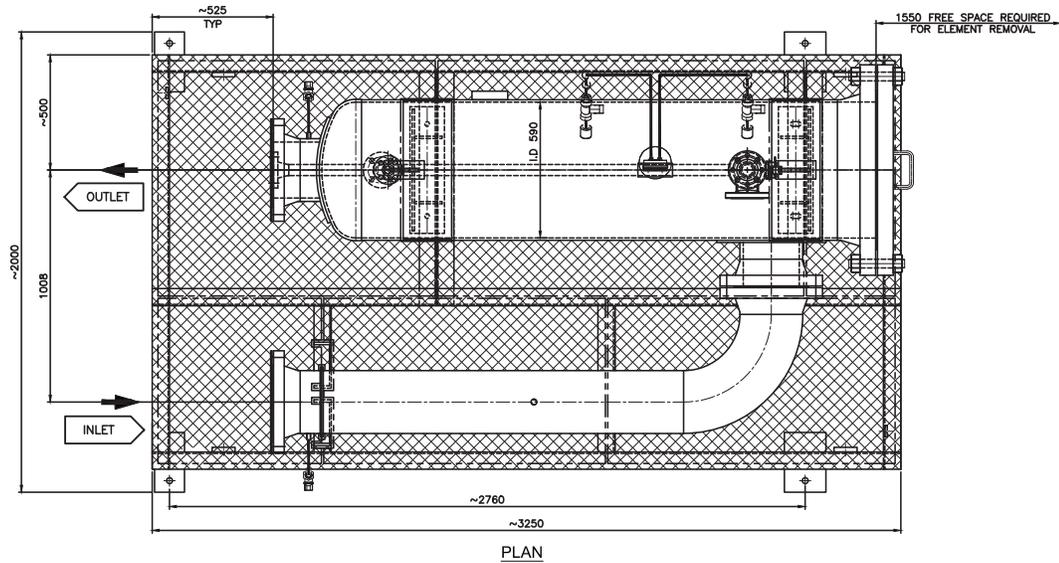
Ultipleat® High Flow filter element

**Protect. Renew. Optimize.**

**Email direct to:**  
**Pall Singapore Customer Service**  
**Customer\_Service\_Singapore@ap.pall.com**  
**Pall Thailand Customer Service**  
**Customer\_Service\_Thailand@ap.pall.com**



## Dimensional Drawings



Pall Corporation

### Pall Singapore

Pall Filtration Pte Ltd  
1 Science Park Road, #05-09 East Wing,  
The Capricorn, Singapore 117528  
+65 6389 6500 telephone  
+65 6389 6501 fax

### Pall Thailand

Pall Corporation Filtration and  
Separations (Thailand) Ltd.  
Unit 2501, Rasa Tower, 25th Floor  
555 Phaholyothin Road  
Chatuchak, Bangkok -10900  
Thailand  
+66 2937 1055 telephone  
+66 2937 1065-6 fax

### Visit us on the Web at [www.pall.com](http://www.pall.com)

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to [www.pall.com/contact](http://www.pall.com/contact).

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit [www.pall.com](http://www.pall.com) to verify that this information remains valid. Products in this document may be covered by one or more patent numbers. For a complete list of Pall's patents, please visit [www.pall.com/main/about-pall/patents.page](http://www.pall.com/main/about-pall/patents.page)

© Copyright 2018, Pall Corporation. Pall, , and Ultipleat are trademarks of Pall Corporation. ® indicates a trademark registered in the USA. **Filtration. Separation. Solution.<sup>sm</sup>** is a service mark of Pall Corporation.